

XP-002266050

AN - 1994-097406 [12]

AP - JP19920222002 19920729

CPY - KAIH-N

- NITO

DC - A14 A94 C03 E36 F09 L02

DR - 0444-S 1863-U 1892-U 1894-U

FS - CPI

IC - B29C67/14 ; B29K105/12 ; B29L31/10

MC - A11-B09B A12-A04B A12-R01 C04-A09G C05-B02C C14-B04B E31-Q05 F05-A07
L02-D11

M1 - [01] M423 M431 M782 M903 M904 M910 P002 P341 Q324 V0 V723; R01863-M;
1863-U

- [02] H7 H713 H721 J0 J011 J3 J371 M210 M212 M232 M262 M281 M320 M423
M431 M510 M520 M530 M540 M782 M903 P002 P341 Q324 V743; R00444-M
R00444-Q

- [05] M423 M431 M782 M903 P002 P341 Q324 V400 V404 V780 V793

M2 - [03] A313 A940 B105 B713 B720 B803 B831 C101 C108 C316 C540 C730 C800
C801 C802 C803 C804 C805 C807 M411 M431 M782 M903 M904 M910 P002 P341
Q324; R01892-M; 1892-U 1894-U

- [04] M431 M782 M903 M904 P002 P341 Q324; R01894-M

M3 - [03] A313 A940 B105 B713 B720 B803 B831 C101 C108 C316 C540 C730 C800
C801 C802 C803 C804 C805 C807 M411 M431 M782 M903 M904 M910 P002 P341
Q324; R01892-M; 1892-U 1894-U

- [04] M431 M782 M903 M904 P002 P341 Q324; R01894-M

PA - (KAIH-N) KAIHATSU BOARD KK

- (NITO) NITTO BOSEKI CO LTD

PN - JP6047826 A 19940222 DW199412 B29C67/14 004pp

PR - JP19920222002 19920729

XA - C1994-044591

XIC - B29C-067/14 ; B29K-105/12 ; B29L-031/10

AB - J06047826 Aq. slurry comprising at least 45 wt.% of mineral fibres and
at least 25 wt.% of organic fibres, based on the total wt. of solids
is processed by paper-making method to be formed into a wet mat. The
total content of organic matter is contained in the aq. slurry is
below 55 wt.% of the total wt. of solids. A boron-contg. cpd. in an
amt. of 5-50 wt.% of the organic matters, dissolved in hot water is
coated onto the wet mat and impregnated.

- USE/ADVANTAGE - For ceilings, wallings, floorings, Japanese tatami,
etc. The fibre board is superior in high fire preventing property,
high mechanical strengths, and anti-insect property.

- In an example, a compsn. comprising rock wool (50 wt.%), wood fibres
(40), corn starch (7), paraffin (1.5), polyacrylamide (0.5), aluminium
sulphate (1.0) is dispersed in water to produce 4% aq. slurry. Boric
acid is dissolved in hot water at 90 deg.C to prepare 20 wt.% boric
acid hot aq. soln. The soln. is spray-coated onto the wet mat produced
from the aq. slurry.(Dwg.0/0)

CN - R01863-M R00444-M R00444-Q R01892-M R01894-M

DRL - 1863-U 1892-U 1894-U

IW - PRODUCE FIBRE BOARD USEFUL BUILD PROCESS AQUEOUS SLURRY CONTAIN
MINERAL ORGANIC FIBRE WET MAT

IKW - PRODUCE FIBRE BOARD USEFUL BUILD PROCESS AQUEOUS SLURRY CONTAIN

MINERAL ORGANIC FIBRE WET MAT

NC - 001

OPD - 1992-07-29

ORD - 1994-02-22

PAW - (KAIH-N) KAIHATSU BOARD KK

- (NITO) NITTO BOSEKI CO LTD

TI - Prodn of fibre board useful for building - by processing aq slurry
contg mineral and organic fibres into wet mat

A01 - [001] R00444 G0453 G0260 G0022 D01 D12 D10 D51 D53 D58 D83 F70 ;
H0000 ; S9999 S1058 S1014 ; P0088 ;
- [002] R01863-R D01 D11 D10 D23 D22 D31 D42 D50 D86 F24 F29 F26 F34
H0293 P0599 G3623 ; S9999 S1058 S1014 ;
- [003] ND01 ; ND07 ; Q9999 Q7249 ; Q9999 Q6893 Q6826 ; Q9999 Q6848
Q6826 ; B9999 B4239 ; B9999 B4091-R B3838 B3747 ; B9999 B4513 B4466
; Q9999 Q6791 ; N9999 N6439 ; N9999 N7067 N7034 N7023 ; N9999
N7136 N7034 N7023 ;
- [004] R01894 D00 D60 H- B- 3A O- 6A ; A999 A044-R ; S9999 S1616
S1605 ;